

**APPENDIX D**  
**PROTECTED SPECIES CORRESPONDENCE**

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## **APPENDIX D PROTECTED SPECIES CORRESPONDENCE**

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This appendix includes letters received from interested agencies regarding the presence of protected species under the affected airspace. These letters are organized alphabetically by state.

In most cases, the species lists themselves were provided as attachments. Due to the length of these attachments, they have been scanned and are provided as a separate electronic document included on the cd with the *Draft Environmental Assessment of Force Structure Changes at Shaw AFB, South Carolina*. Hard copies of the protected species lists are retained in the Natural Resources office at Shaw AFB.

From: Bruce\_Porter@fws.gov [mailto:Bruce\_Porter@fws.gov]  
Sent: Thursday, August 01, 2002 10:38 AM  
To: freemuths@saic.com  
Subject: EA for Force Structure Changes at Shaw AFB, SC

Sheri,

Thank you for the opportunity to comment on this EA. Although we are providing you with a list of federally listed species that occur in Jackson County, Alabama, we do not anticipate an impact will occur to listed or candidate species as a result of this action.

Endangered

gray bat	Myotis grisescens
Indiana bat	Myotis sodalis
palezone shiner	Notropis albizonatus
Anthony's river snail	Athearnia anthonyi
shiny pigtoe pearly mussel	Fusconaia cor
pink mucket pearly mussel	Lampsilis abrupta
Alabama lamp pearly mussel	Lampsilis virescens
pale lilliput pearly mussel	Toxolasma cylindrellus
fine-rayed pigtoe mussel	Fusconaia cuneolus
green pitcher plant	Sarracenia oreophila

Threatened

bald eagle	Haliaeetus leucocephalus
American hart's-tongue fern	Phyllitis scolopendrium var.
americana	
Eggert's sunflower	Helianthus eggertii

Candidate

slabside pearly mussel	Lexingtonia dolabelloides
white fringeless orchid	Platanthera integrilabia

If I can be of further assistance please don't hesitate to contact me via email or at 251-441-5181, ext 37. For future reference, our website <http://daphne.fws.gov> has useful information, i.e. county list of federally listed species.

Thanks....Bruce  
USFWS, Daphne Ecological Services  
P.O. Drawer 1190  
Daphne, AL 36526



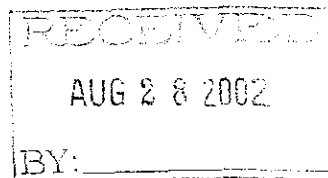
Steve Parris

08/23/02 01:55 PM

To: freemuths@saic.com

cc:

Subject: Force Structure Changes at Shaw AFB



Sheri Freemuth:

Lists of threatened and endangered species for the counties in Georgia you requested are being mailed. We have no comments to offer on the proposed action at this time.

Steve Parris  
Supervisory Fish and Wildlife Biologist  
Georgia Ecological Services  
West Georgia Sub-Office  
P. O. Box 52560  
Fort Benning, GA 31995-2560  
Phone (706) 544-6428  
FAX (706) 544-6419

FISH & WILDLIFE COMMISSION

Mike Boatwright, Paducah  
Tom Baker, Bowling Green  
Allen K. Gailor, Louisville  
Ron Southall, Elizabethtown  
Dr. James R. Rich, Taylor Mill, Chairman  
Ben Frank Brown, Richmond  
Doug Hensley, Hazard  
Dr. Robert C. Webb, Grayson  
David H. Godby, Somerset



AUG 01 2002



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF FISH AND WILDLIFE RESOURCES  
C. THOMAS BENNETT, COMMISSIONER

July 26, 2002

Ms. Sheri Freemuth  
Science Applications International Corporation  
405 South 8<sup>th</sup> Street, Suite 301  
Boise, ID 83702

RE: Environmental Assessment for Force Structure  
Changes at Shaw AFB

Dear Ms. Freemuth:

I have reviewed the information provided on the above-referenced project. Accordingly, I offer the following comments and recommendations.

A review of the Kentucky Fish and Wildlife Information System indicates that several federal and/or state threatened and/or endangered species are known to occur within Bell, Breathitt, Clay, Floyd, Harlan, Knott, Knox, Leslie, Letcher, Magoffin, Owsley, Perry, and Pike counties that would be impacted by the project. That species list is attached. Please be aware that our database system is a dynamic one that only represents our current knowledge of the various species distributions. This information may also be obtained on the worldwide web at: [www.kfwis.state.ky.us](http://www.kfwis.state.ky.us).

However, I do not anticipate any impacts to these species as a result of your proposed project.

I appreciate the opportunity to comment.

Sincerely,

A handwritten signature in black ink, appearing to read "Wayne L. Davis".

Wayne L. Davis  
Environmental Section Chief

cc: Environmental Section Files





# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

Raleigh Field Office  
Post Office Box 33726  
Raleigh, North Carolina 27636-3726

AUG 19 2002

BY: \_\_\_\_\_

August 14, 2002

Sheri Freemuth, Project Manager  
Science Applications International Corporation  
408 South 8<sup>th</sup> Street Suite 301  
Boise, Idaho 83702

Dear Ms. Freemuth:

Thank you for your letter of July 23, 2002, requesting information from the U.S. Fish and Wildlife Service (Service) regarding the preparation of an Environmental Assessment for Force Structure Changes at Shaw Air Force Base, located in Sumter County, South Carolina. Our comments are provided in accordance with the provisions of the Fish and Wildlife Coordination Act, as amended (16 U.S.C. 661-667e), and the Endangered Species Act of 1973, as amended (16 U.S. 1531-1543) (Act).

A current list of federally-protected species and their habitat requirements which may occur within the general project area within the State of North Carolina can be found on our website, <http://nc-es.fws.gov/es/countyfr.html>. Based on the information contained in your July 23, 2002, letter, it appears that the proposed Force Structure Changes at Shaw Air Force Base, will have a negligible affect on wildlife species of interest to the Service. The Service is interested in the conservation of wildlife resources, including avian species particularly in and near National Wildlife Refuge lands. For this reason, we would like to remain informed as changes are proposed in the use of military operations areas and special use air space that might conflict with our agency's mandates to conserve migratory birds or affect the Service's ability to use aerial survey for censusing of trust wildlife species.

If you have any questions regarding this matter, please contact me at 919-856-4520 (Ext. 28).  
Thank you for your continued cooperation with our agency.

Sincerely,

John S. Hammond  
Endangered Species Coordinator

cc: Don Temple, USFWS

-----Original Message-----

From: Eric Hawk [mailto:Eric.Hawk@noaa.gov]  
Sent: Tuesday, September 03, 2002 12:44 PM  
To: freemuths@saic.com  
Cc: Dennis Klemm  
Subject: EA for Force Structure Changes at Shaw AFB  
Importance: High

Dear Ms. Freemuth:

Attached please find a species list for the coastal/oceanic waters off South Carolina, pursuant to your request dated July 29, 2002, received by NMFS Protected Resources Division on August 7, 2002. I apologize for our tardiness in responding.

Biologist Dennis Klemm has been assigned to conduct an informal section 7 (of the Endangered Species Act) consultation on this project. He can be reached at 727/570-5312 or by e-mail.

Sincerely,

Eric G. Hawk  
ESA Section 7 Coordinator  
NMFS Southeast Region

**Endangered and Threatened Species and Critical Habitats  
under the Jurisdiction of the National Marine Fisheries Service**

**South Carolina**

Listed Species	Scientific Name	Status	Date Listed
<b>Marine Mammals</b>			
blue whale	<i>Balaenoptera musculus</i>	Endangered	12/02/70
finback whale	<i>Balaenoptera physalus</i>	Endangered	12/02/70
humpback whale	<i>Megaptera novaeangliae</i>	Endangered	12/02/70
right whale	<i>Eubalaena glacialis</i>	Endangered	12/02/70
sei whale	<i>Balaenoptera borealis</i>	Endangered	12/02/70
sperm whale	<i>Physeter macrocephalus</i>	Endangered	12/02/70
<b>Turtles</b>			
green sea turtle	<i>Chelonia mydas</i>	Threatened <sup>1</sup>	07/28/78
hawksbill sea turtle	<i>Eretmochelys imbricata</i>	Endangered	06/02/70
Kemp's ridley sea turtle	<i>Lepidochelys kemp</i>	Endangered	12/02/70
leatherback sea turtle	<i>Dermochelys coriacea</i>	Endangered	06/02/70
loggerhead sea turtle	<i>Caretta caretta</i>	Threatened	07/28/78
<b>Fish</b>			
shortnose sturgeon	<i>Acipenser brevirostrum</i>	Endangered	03/11/67

1. Green turtles are listed as threatened, except for breeding populations of green turtles in Florida and on the Pacific Coast of Mexico, which are listed as endangered.

**Species Proposed for Listing**

None

**Designated Critical Habitat**

None

**Proposed Critical Habitat**

None

Candidate Species <sup>1</sup>	Scientific Name
<b>Fish</b>	
dusky shark	<i>Carcharhinus obscurus</i>
sand tiger shark	<i>Odontaspis taurus</i>
night shark	<i>Carcharinus signatus</i>
Atlantic sturgeon	<i>Acipenser oxyrhynchus oxyrhynchus</i>
speckled hind	<i>Epinephelus drummondhayi</i>
Warsaw grouper	<i>Epinephelus nigritus</i>

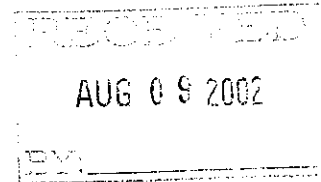
1. Candidate species are not protected under the Endangered Species Act, but concerns about their status indicate that they may warrant listing in the future. Federal agencies and the public are encouraged to consider these species during project planning so that future listings may be avoided.





# United States Department of the Interior

**FISH AND WILDLIFE SERVICE**  
176 Croghan Spur Road, Suite 200  
Charleston, South Carolina 29407



August 6, 2002

Ms. Sheri Freemuth, Project Manager  
Science Applications International Corporation  
405 South 8<sup>th</sup> Street Suite 301  
Boise, Idaho 83702

Re: Environmental Assessment for Force Structure Changes at Shaw AFB  
FWS No. 4-6-02-I-336

Dear Ms. Freemuth:

We have reviewed the information received July 23, 2002 concerning the above-referenced project. The following comments are provided in accordance with the Fish and Wildlife Coordination Act, as amended (16 U.S.C. 661-667e), and section 7 of the Endangered Species Act, as amended (16 U.S.C. 1531-1543).

We are providing lists of the federally endangered (E) and threatened (T) and candidate (C) species which potentially occur in all counties of South Carolina to aid you in determining the impacts your project may have on protected species. The list also includes species of concern under review by the Service. Species of concern (SC) are not legally protected under the Endangered Species Act, and are not subject to any of its provisions, including Section 7, until they are formally proposed or listed as endangered/threatened. We are including these species in our response for the purpose of giving you advance notification. These species may be listed in the future, at which time they will be protected under the Endangered Species Act. Therefore, it would be prudent for you to consider these species early in project planning to avoid any adverse effects.

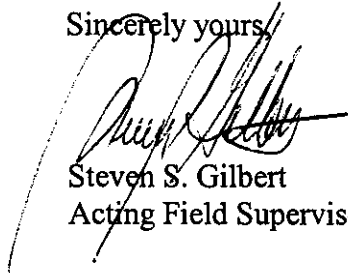
In-house surveys should be conducted by comparing the habitat requirements for the attached listed species with available habitat types at the project site. Field surveys for the species should be performed if habitat requirements overlap with that available at the project site. Surveys for protected plant species must be conducted by a qualified biologist during the flowering or fruiting period(s) of the species. Please notify this office with the results of any surveys for the above list of species.

**This is your future. Don't leave it blank. - Support the 2000 Census.**

We also recommend you contact the S.C. Department of Natural Resources (SCDNR), Data Manager, Wildlife Diversity Section, Columbia, SC 29202, concerning known populations of federal and/or state endangered or threatened species, and other sensitive species in the project area. Additional habitat information may also be available from SCDNR. The National Marine Fisheries Service, 9721 Executive Center Drive North, St. Petersburg, FL 33702-2449 should be contacted for consultation on species under their jurisdiction.

Your interest in ensuring the protection of endangered and threatened species and our nation's valuable wetland resources is appreciated. If you have further questions or require additional information, please contact Sandy Abbott of this office at (843) 727-4707 ext. 57. In future correspondence concerning the project, please reference FWS Log No 4-6-02-I-336.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Steven S. Gilbert", is written over the typed name and title.

Steven S. Gilbert  
Acting Field Supervisor

SSG/SDA/km

**From:** Jeanette Jones [mailto:Jeanette.Jones@state.tn.us]  
**Sent:** Tuesday, July 30, 2002 12:53 PM  
**To:** freemuths@saic.com  
**Cc:** Reggie Reeves  
**Subject:** EA for Force Structure Changes at Shaw AFB

Sheri,

I am forwarding a copy of your letter dated July 23, 2002 regarding the above subject matter to Mr. Reggie Reeves, Director, Division of Natural Heritage. The Division of Natural Heritage is the agency responsible for maintaining the Natural Heritage Database which includes the threatened and endangered species. Mr. Reeves can be reached at 615-532-0434, [Reggie.Reeves@state.tn.us](mailto:Reggie.Reeves@state.tn.us), Division of Natural Heritage, 14th Floor, L&C Tower, 401 Church Street, Nashville, TN 37243.

A list of rare and endangered species by TN counties is viewable at their website: [www.state.tn.us/environment/nh/species/index.html](http://www.state.tn.us/environment/nh/species/index.html).

The Tennessee Wildlife Resources Agency has no issues in regards to the Force Structure Changes at Shaw AFB. If you have further questions related to wildlife resources please feel free to contact me.

Jeanette Jones  
GIS Manager  
Tennessee Wildlife Resources Agency  
P.O. Box 40747  
Nashville, TN 37204  
Phone: 615-781-6534 FAX: 615-781-6683  
Email: [Jeanette.Jones@state.tn.us](mailto:Jeanette.Jones@state.tn.us)

8/2/2002

Subject: Environmental Review Information

Mr. Parsons:

Our Division no longer accepts written requests for environmental reviews; we stopped this process about five years ago. We now request that you make an appointment with me and I'll assist you with reviewing your project and using our databases.

In addition, if you visit our Departmental web site(s) there are several listings that can assist you with initial planning information about the proposed project site.

Go to:<http://www.state.tn.us/environment/natural.htm>  
and click to download a county list  
<http://www.state.tn.us/environment/nh/species/index.html> then click on other listings for more information.

Also, you should visit the Environmental Review web site for information on how we perform an environmental review...go to: <http://www.state.tn.us/environment/nh/erp.htm>

We have recently started a new service that provides quarter quad-map listings or ArcView-compatible shape files for the quarter quad-maps. Visit this site [ <http://www.state.tn.us/environment/nh/qq/qqindex.htm> ] for more information.

Please let me know if I can be of further assistance.

ANB

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Andrew N. Barrass, Ph. D.  
Environmental Review Coordinator  
Tennessee Department of Environment and Conservation  
Division of Natural Heritage  
14th Floor, L & C Tower  
401 Church Street  
Nashville TN 37243  
Phone - 615/532-9695, fax 615/532-0231

**From:** Julia\_Harrison@fws.gov  
**Sent:** Thursday, August 15, 2002 11:25 AM  
**To:** Stumpf, Christa V.  
**Subject:** Re: Request



Alleghany.wpd



Amherst.wpd



Appomattox.wpd



Bland.wpd



Botetourt.wpd



Brunswick.wpd



Buchanan.wpd



Buckingham.wpd



Carroll.wpd



Charlotte.wpd



Craig.wpd



Dickenson.wpd



Floyd.wpd



Franklin.wpd



Grayson.wpd

Christa,

I am attaching the species lists. From the letter you attached, I do not foresee any ESA concerns, but I would like to look at what is probably a more detailed description that you mailed us before I say for sure (like maybe there is associated construction somewhere?). Anyway, I will get a letter to you as soon as I get a look at the project description you mailed, probably in a week or two.

Had to attach on 2 different emails, too many for one. Jolie

(See attached file: Alleghany.wpd)(See attached file: Amherst.wpd)(See attached file: Appomattox.wpd)(See attached file: Bland.wpd)(See attached file: Botetourt.wpd)(See attached file: Brunswick.wpd)(See attached file: Buchanan.wpd)(See attached file: Buckingham.wpd)(See attached file: Carroll.wpd)(See attached file: Charlotte.wpd)(See attached file: Craig.wpd)(See attached file: Dickenson.wpd)(See attached file: Floyd.wpd)(See attached file: Franklin.wpd)(See attached file: Grayson.wpd)

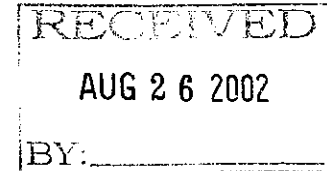


# United States Department of the Interior

## FISH AND WILDLIFE SERVICE



West Virginia Field Office  
694 Beverly Pike  
Elkins, West Virginia 26241  
AUG 22 2002



Ms. Sheri Freemuth  
Science Applications International Corporation  
405 South 8th Street, Suite 301  
Boise, Idaho 83702

Dear Ms. Freemuth:

This responds to your information request of July 23, 2002 regarding the potential impacts of a proposed project on federally listed endangered and threatened species. The Headquarters Air Combat Command is preparing an Environmental Assessment for Force Structure Changes at Shaw Air Force Base. You requested a species list for Mingo and McDowell Counties, West Virginia.

The endangered Indiana bat, Myotis sodalis, potentially uses these two counties for summer foraging and roosting habitat. The threatened bald eagle, Haliaeetus leucocephalus, could occur in the area as a transient. However, no federally listed endangered and threatened species are expected to be impacted by the project. Therefore, no Biological Assessment or further Section 7 consultation under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) is required with the Fish and Wildlife Service. Should project plans change, or if additional information on listed and proposed species becomes available, this determination may be reconsidered. A compilation of federally listed endangered and threatened species in West Virginia is enclosed for your information.

If you have any questions regarding this letter, please contact Linda Smith of my staff, or contact me directly, at (304) 636-6586, or at the letterhead address.

Sincerely,

*Jeffrey K. Towner*

Jeffrey K. Towner  
Field Supervisor

Enclosure